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JOHN P. WHITE  
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NEW YORK, NY 10036

UNITED STATES PATENT AND TRADEMARK OFFICE  
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RECORDATION DATE: 08/14/1995

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BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
LIVINGSTON, PHILIP O.

DOC DATE: 06/30/1995

ASSIGNOR:  
HELLING, FRIEDHELM

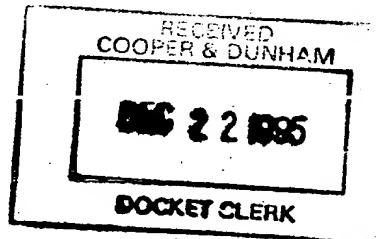
DOC DATE: 07/25/1995

ASSIGNEE:  
SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH  
1275 YORK AVNEUE  
NEW YORK, NEW YORK 10021

SERIAL NUMBER: 08477147  
PATENT NUMBER:

FILING DATE: 06/07/1995  
ISSUE DATE:

KEITH GOODE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS





08-25-1995

Ref. No. 43016-D

- FORM PTO-1595 (Substitute)  
(Rev. 6-93)

To the Honorable Commissioner of Patents and

1. Name of conveying party (see DRAFTING)  
Philip O. Livingston and Friedhelm Helling

Additional name(s) of conveying party(ies) attached?

 Yes  No

3. Nature of Conveyance:

<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name
<input type="checkbox"/> Other _____	

Execution Date: July 25, 1995 &amp; June 30, 1995

4. Application number(s) or patent number(s): If this document is being filed together with a new application,

the execution date of the application is:

A. Patent Application No.(s)

U.S. Serial No. 08/477,147  
Filed June 7, 1995

B. Patent No.(s)

Additional numbers attached?

 Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: John P. White

Internal Address:

Street Address: Cooper &amp; Dunham, LLP

1185 Avenue of the Americas

City/State/Zip: New York, New York 10036

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41): \$ 40.00

 Enclosed Authorized to be charged to deposit account

8. Deposit account number:

03-3125

(Attach duplicate copy of this page if paying by deposit account)

W-10392 08/21/95 08477147

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Albert Wai-Kit Chan

Name of Person Signing

8/11/95

Signature

Date

Total number of pages including cover sheet, attachments and document: 4

I hereby certify that this paper is being deposited this date with the U.S. Postal Service as first class mail addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Albert Wai-Kit Chan Date  
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Commissioner of Patents and Trademarks, Box Assignments  
Washington, D.C. 20231

# Assignment

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, we, the undersigned,

Philip O. Livingston and Friedhelm Helling residing at 156 East 79th Street, New York, New York, 10021 and 504 East 63rd Street, Apartment 25N, New York, New York 10021 respectively,

Hereby sell, assign and transfer to Sloan-Kettering Institute for Cancer Research

New York having a place of business at 1275 York Avenue  
in the County of New York and State of New York

its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and any and all inventions which are disclosed but not claimed, in the application for United States Patent, which has been executed by the undersigned on July 25, 1995 and and is entitled

June 30, 1995

GANGLIOSIDE-KLH CONJUGATE VACCINE PLUS QS-21

(U.S. Serial No. 08/477,147, filed June 7, 1995, a continuation of PCT International Application No. PCT/US94/00757, filed January 21, 1994, which is a continuation of U.S. Serial No. 08/009,268, filed January 22, 1993)

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 6/30/45 19  
Witness: Vera Hink  
Vera Hink  
45 Brooklyn Avenue  
West Hempstead NY  
11532

Philip Livingston [L.S.]  
Philip C. Livingston

Date: \_\_\_\_\_ 19  
Witness: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Friedhelm Helling [L.S.]

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

**Covenant** with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: \_\_\_\_\_ 19 \_\_\_\_\_

Philip O. Livingston

[L.S.]

Witness: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Date: 7/25 1995

Witness: Monica Bocchia

MONICA BOCCIA

504 E 63<sup>rd</sup> ST. APT 85N NEW YORK, NY, 10021

Friedhelm Helling

[L.S.]

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**ASSIGNMENT BY**

Philip D. Livingston and Michael  
Bellino

Sloan-Kettering Institute for Cancer  
Research

Application for Letters Patent  
of the United States of America  
GANGLIOSIDE-KIN CONJUGATE  
PLUS QS-21

Attorney for John P. White

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